

RESPONSE TESTING FOR CONSCIOUS SEDATION USING FINGER MOVEMENT RESPONSE ASSEMBLY

ABSTRACT

A conscious sedation system and a response testing apparatus for a conscious sedation system. A controller generates a request for a predetermined finger movement response from a patient and analyses at least a finger movement response made by the patient to the request to determine a level of sedation of the patient. The response testing apparatus includes a request assembly and a response assembly. The request assembly communicates to the patient the request generated by the controller. The response assembly senses the finger movement response and communicates the finger movement response to the controller. The response testing apparatus includes a request assembly and a response assembly, wherein the request assembly and/or the response assembly is a finger touch response apparatus in one embodiment. In another embodiment the response testing apparatus includes a request assembly and a response assembly, wherein the request assembly and/or the response assembly is a handpiece sensor mechanism.